

REMARKS

Claims 25 and 31 have been amended. Claims 1-11 and 22-38 are pending and under consideration. Claims 1, 6, 22, 25 and 31 are the independent claims. Claims 37 and 38 have been objected. No new matter is presented in this Amendment.

REJECTIONS UNDER 35 U.S.C. §112:

Claims 25-30 are rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Applicants have amended claim 25 to correct the minor informality noted by the Examiner. Accordingly, Applicants respectfully assert that claim 25 fully complies with the requirements of 35 U.S.C. §112, second paragraph and request that the rejection of claim 25 be withdrawn.

Applicants also request that the rejection of claims 26-30 be withdrawn since they were rejected due to their dependency from claim 25.

DOUBLE PATENTING

Claims 1-11 and 22-35 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-10 of copending Application No. 11/589,042.

Since claims 1-11 and 22-35 of the instant application have not yet been indicated as allowable, it is believed that any submission of a Terminal Disclaimer or arguments as to the non-obvious nature of the claims would be premature (see MPEP 804).

As such, it is respectfully requested that Applicants be allowed to address any provisional obviousness-type double patenting issues remaining once the rejections of the claims under 35 U.S.C. §§ 112, 102 and 103 are resolved.

REJECTIONS UNDER 35 U.S.C. §103:

Claims 1-11 and 22-36 are rejected under 35 U.S.C. §103(a) as being unpatentable over Sasaki et al. (U.S. Patent 7,062,626). Applicants respectfully traverse this rejection for at least the following reason.

Applicants respectfully traverse this rejection for at least the following reasons.

By way of review, Sasaki claims priority to PCT/JP02/07689 filed July 29, 2002 and published in Japanese on February 20, 2003. Since the PCT publication is in Japanese, the PCT filing date of July 29, 2002 is not usable under 35 U.S.C. §102(e) and therefore, the earliest useable date for Sasaki is the PCT publication date of February 20, 2003.

The present application claims priority to Korean Patent Application No. 2003-12868 filed on February 28, 2003 and Korean Patent Application No. 2003-12952 filed on March 3, 2003. A certified copy of each Korean Patent Application was filed in the United States Patent and Trademark Office as acknowledged by the Examiner on page 1 of the Office Action mailed March 12, 2007.

Additionally, as further set forth in the enclosed Declaration under 37 C.F.R. 1.131, applicants have shown an earlier date of invention for the instant application of at least February 5, 2003. Since Sasaki was not published until after the date of invention for the instant application, it is respectfully submitted that Sasaki is not available as prior art under any of the subsections of 35 U.S.C. §102.

Accordingly, Applicants respectfully assert that the rejection of claims 1-11 and 22-36 should be withdrawn because Sasaki does not qualify as prior art under any of the subsections of 35 U.S.C. § 102.

CONCLUSION:

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge

the same to our Deposit Account No. 503333.

Respectfully submitted,

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